



## SEPTEMBER 2016

S	M	T	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

### PHOENIX CLUSTER

The galaxy cluster SPT-CLJ2344-4243 owns bragging rights to a few important superlatives. It features the highest rate of star formation ever seen in the center of a galaxy cluster and is the most powerful producer of X-rays. The rate of hot gas cooling in the center of the cluster is also the largest ever observed. The view of this cluster, nicknamed the Phoenix Cluster for the constellation in which it is found, contains X-rays from Chandra (blue) as well as optical data from Hubble (red, green, and blue).

Credit: X-ray: NASA/CXC/MIT/M.McDonald et al; Optical: NASA/STScI